



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397

PAT QUINN, GOVERNOR

JOHN J. KIM, INTERIM DIRECTOR

August 13, 2012

Mr. Rex Evans
Evans Cartage
1868 Midway Road
Murrayville, Illinois 62668

Re: Illinois State Fairgrounds - Horse Barn Manure Handling
Springfield Township/Sangamon County
Facility ID (167CH)

Dear Mr. Evans:

On April 3, 2012, David Ginder representing this Agency conducted an inspection of your livestock waste handling operation at the facility identified above at which time you were contacted. No violations of the Illinois Environmental Protection Act and associated regulations were noted at the time of the inspection. Future field inspections may be conducted to monitor the compliance of your livestock waste handling operation.

A copy of the inspection report is enclosed for your information.

If you desire a copy of the State regulations administered by the IEPA that are applicable to your livestock waste handling operation, you may download a copy of 35 Illinois Administrative Code, Subtitle E: Agriculture Related Water Pollution (Subtitle E) from:

<http://www.ipcb.state.il.us/SLR/PCBandIEPAEnvironmentalRegulations-Title35.asp>

Should you have any questions or prefer that a copy of Subtitle E be mailed to you, please feel free to contact Mr. Ginder at: Illinois EPA, Springfield Field Office Staff, MC #10, 1021 North Grand Avenue East, P. O. Box 19276, Springfield, Illinois 62794-9276 or telephone: (217) 557-8761.

Finally, we wish to thank you for the cooperation and courtesy shown our representative on the day of the inspection.

Sincerely,

Bruce J. Yurdin
Manager, Field Operations Section
Division of Water Pollution Control

BJY/DPG/ds(N:\REGS\Springfield\SPF_BOW\SPF_BOW_SHARE\DWPC\Ginder\Facilities\Evans and Schmidgall IL State Fairgrounds\Evans IL State Fairgrounds cover 0412.doc)

Enclosure

cc: DWPC/FOS/Records Unit
DWPC/FOS - Springfield Region

4302 N. Main St., Rockford, IL 61103 (815) 987-7760
595 S. State, Elgin, IL 60123 (847) 608-3131
2125 S. First St., Champaign, IL 61820 (217) 278-5800
2009 Mall St., Collinsville, IL 62234 (618) 346-5120

9511 Harrison St., Des Plaines, IL 60016 (847) 294-4000
5407 N. University St., Arbor 113, Peoria, IL 61614 (309) 693-5462
2309 W. Main St., Suite 116, Marion, IL 62959 (618) 993-7200
100 W. Randolph, Suite 11-300, Chicago, IL 60601 (312) 814-6026

Report Date: July 13, 2012

COMPLAINT RECEIPT & REPORT FORM

Received by:	David Ginder	CODE #'s:	AC1974
Assigned to:	DPG <i>DPG</i>	County:	Sangamon
Date Received:	4/2/2012	Facility:	Illinois State Fairgrounds
Complainant:	Confidential		Rex Evans
Street Address:	Confidential		1868 Midway Road
City:	Confidential		Murrayville
Telephone Numbers:	(H) Confidential (W) Confidential	(H)	Exemption 6 and Exemption 7(C) (W) (217) 391-0886
Date of Incident:	Ongoing		
Time of Incident:	Ongoing		

Suspected or Known Source: Rex Evans, cell number

Exemption 6 and Exemption 7(C)

Specific Complaint: At the northeast section of the State Fairgrounds, along Taintor Road, manure is being dumped onto a hillside and down into a creek. Complainant is concerned about potential runoff into the creek.

RESULTS OF INVESTIGATION

BACKGROUND

The Illinois State Fairgrounds is located in Springfield in Section 15, T16N (Springfield TWP), R5W of the 3rd P.M. in Sangamon County, Illinois (see Attachment 1 for the plat location). Evans Cartage, owned and operated by Rex Evans is under contract with the Illinois Department of Agriculture to remove and properly dispose used bedding from the horse barns at the fairgrounds. Individual horse owners are responsible to remove the used bedding from the horse stalls and place the bedding into concrete bunkers located at various locations adjacent to the horse barns. Mr. Evans is responsible for emptying the concrete bunkers (typically daily) and placing the used bedding in a temporary manure stack located to the northeast of the horse barns in the NE 1/4 of Section 15. Mr. Evans is responsible for hauling the used bedding from the temporary manure stack to the land application fields. Mr. Evans allows the used bedding to accumulate in the temporary manure stack typically for three (3) days so that there is enough bedding accumulated to keep his semi trucks with dump trailers hauling from the fairgrounds to the land application field for an entire day. Historically, the used bedding has been land applied to crop ground, farmed by Doug Schmidgall, located north of Springfield to the east of Illinois Route 29 immediately north of the Sangamon River. A temporary manure stack is located to the northeast of the land application area for the storage of the used bedding until it may be land applied prior to crop planting and after harvest.

April 3, 2012

At 9:42 a.m. I contacted Rex Evans and advised him of the submitted complaint. Mr. Evans provided the information found above in the Background section of this report. Mr. Evans indicated that they are constantly hauling from the temporary manure stack and that he had three (3) trucks hauling the previous day to the crop ground farmed by Doug Schmidgall. Mr. Evans also indicated that the used bedding pile is almost gone. I asked Mr. Evans for permission to observe the used bedding temporary manure stack in his absence as he was actively repairing equipment for his landscape waste shredding operation. Mr. Evans granted such permission.

At 10:53 a.m. I returned a call to Mr. Evans who had spoken a few minutes earlier to Dave Jansen, Division of Land Pollution Control, in the Springfield Regional Office. Mr. Evans wanted to provide some additional information that he had obtained after checking with his employees about the operations at the used horse bedding temporary manure stack. Mr. Evans provided the following information. One horse owner in Barn 39 has been putting manure in an Allied Waste dumpster that gets picked up two (2) times per week. The horse owner has nineteen (19) horses and the dumpster cannot keep up. Based on a tip from another horse owner, Mr. Evans caught the owner of the nineteen (19) horses putting his excess used bedding in the concrete bunkers that Mr. Evans is under contract to remove. Yesterday (4/2/12) a letter was sent from the Illinois State Fairgrounds to the owner of the nineteen (19) horses telling the owner that he can no longer use the Allied Waste dumpsters for his used bedding, that he must put the used bedding in the concrete bunkers Mr. Evans is under contract to keep emptied and that he must pay the Illinois State Fairgrounds for the use of the concrete bunkers. As a result, the horse owner is "mad at the world." Mr. Evans is paid by the Illinois State Fairgrounds and does not deal with the horse owners directly.

I advised Mr. Evans that I intend to observe the used horse bedding temporary manure stack and to document with photographs. I also advised Mr. Evans that I will wear new protective footwear while making my observations. Mr. Evans again granted permission to observe the used horse bedding manure stack in his absence and indicated that he will be working at his brush pile (landscape waste shredding operation). Mr. Evans requested that I call him if there is a problem when I make my observations.

I arrived at the temporary manure stack at the fairgrounds at 1:17 p.m. and installed new protective footwear. I observed the used horse bedding manure stack and determined that based on the ground elevations and surrounding topography that any discharge or runoff from the manure stack will drain to the east of the stack. I observed the material within the manure stack and noted the material to consist primarily of bedding having a minimal amount of manure solids. I observed the area to the east of the manure stack where potential runoff will exit the stack and noted dense vegetation void of evidence of manure solids or of recent discharge. Upon further investigation I determined that the area of dense vegetation to the east of the manure stack is a storm water detention basin. On the east side of the storm water detention basin I observed the basin's concrete discharge/flow control structure. I then more closely examined the flow control structure which has two (2) circular holes at the base of the structure. The lower hole allows the base flow from a creek to pass through the structure and the top hole allows

water in excess of the base flow generated during precipitation events to exit the structure. At the top of the control structure I observed a notch that serves as the structure's emergency overflow outlet. I did not observe evidence of manure solids in the creek. Several digital photographs of the used horse bedding temporary manure stack and the storm water detention basin were taken and are attached (see Attachment 2).

As I was returning to the manure stack after examining the storm water detention basin's flow control structure I was greeted by Rex and Ron Evans who wanted to know if I had observed any problems. I advised both gentlemen of my observations and that I did not note any violations. I also advised them that I needed to take a few digital photographs to document my observations and after completing such I will be leaving the site. Rex Evans then confirmed the details of our discussion from earlier in the day regarding the horse owner from Barn 39 including the restriction placed on the horse owner to have to use the concrete bunkers instead of the Allied Waste dumpsters for the disposal of the used horse bedding.

After completing my discussion with Rex and Ron Evans I took the digital photographs attached to this report and left the used horse bedding temporary manure stack at 1:42 p.m.

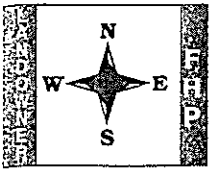
CONCLUSION

I observed the used horse bedding temporary manure stack area and I did not observe the evidence of runoff from the area or evidence of manure solids in the area immediately down gradient of the manure stack area. I observed the material within the manure stack and noted the material to consist primarily of bedding having a minimal amount of manure solids. The area down gradient of manure stack area consists of a storm water detention basin having a dense vegetative cover. I observed the storm water detention basin's concrete flow control outlet structure which has two (2) circular holes at the base of the structure. The lower hole allows the base flow from a creek to pass through the structure and the top hole allows water in excess of the base flow generated during precipitation events to exit the structure. At the top of the control structure I observed a notch that serves as the structure's emergency overflow outlet. I did not observe evidence of manure solids in the creek or near the concrete flow control structure. Further action by the Illinois EPA is not necessary at this time.

DPG:/ds(N:\REG\Springfield\SPF_BOW\SPF_BOW_SHARE\DWPC\CMPLNTS\AC1974.doc)

Attachments (2)

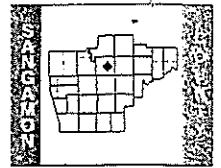
cc: DWPC/FOS/Records Unit
DWPC/FOS - Springfield Region



Rex Evans - **SPRINGFIELD**
IL State Fairgrounds T-16-N • R-5-W
Manure Stack Location

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See Pages 52-53 For Additional Names.



FANCY CREEK 'E' PAGE 31

Exemption 6 and Exemption 7(C)

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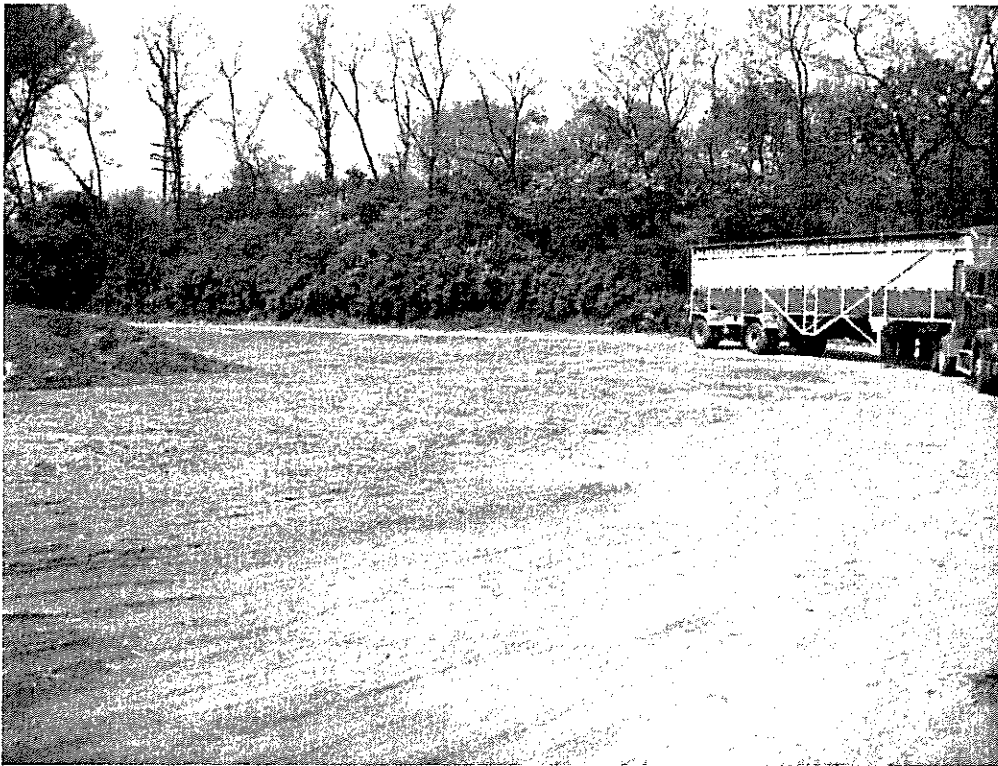


DIGITAL PHOTOGRAPHS



Date: 4/3/12
Time: 1:38 p.m.
Direction: West
Photo by: David Ginder
Exposure #: 001
Comments:

View looking from the down gradient side of the temporary manure stack where the used horse bedding is stockpiled. I did not observe evidence of runoff from the manure stack. The manure stack is removed every three (3) days or so (once enough material has accumulated to keep the trucks hauling from the pile for a full day).



Date: 4/3/12
Time: 1:38 p.m.
Direction: Northwest
Photo by: David Ginder
Exposure #: 002
Comments:

View looking from the down gradient side of the temporary manure stack where the used horse bedding is stockpiled. I did not observe evidence of runoff from the manure stack.

File Names: P040312-[Exp. #].jpg



DIGITAL PHOTOGRAPHS



Date: 4/3/12
Time: 1:39 p.m.
Direction: West
Photo by: David
Ginder
Exposure #: 003
Comments:

View of the temporary manure stack. I observed the stack to consist mostly of bedding material having a minimal amount of manure solids.



Date: 4/3/12
Time: 1:40 p.m.
Direction: Southwest
Photo by: David
Ginder
Exposure #: 007
Comments:

View of the temporary manure stack and truck loading operation.

File Names: P040312-[Exp. #].jpg



DIGITAL PHOTOGRAPHS



Date: 4/3/12
Time: 1:39 p.m.
Direction: Northeast
Photo by: David Ginder
Exposure #: 004
Comments:

View of the area down gradient of the temporary manure stack. The area immediately down gradient of the stack consists of a well-vegetated storm water detention basin. I did not observe evidence of manure solids in the basin or evidence of recent discharges to the basin.



Date: 4/3/12
Time: 1:39 p.m.
Direction: East
Photo by: David Ginder
Exposure #: 005
Comments:

View of the area down gradient of the temporary manure stack location. The area immediately down gradient consists of a well-vegetated storm water detention basin. I did not observe evidence of manure solids in the basin or evidence of recent discharges to the basin.

File Names: P040312-[Exp. #].jpg



DIGITAL PHOTOGRAPHS



Date: 4/3/12
Time: 1:39 p.m.
Direction: East
Photo by: David Ginder
Exposure #: 006
Comments:

View of the storm water detention basin's flow control structure. Two (2) circular holes (not visible in the photograph) are located near the base of the structure. The lower hole allows the base flow from a creek (not visible) to pass through the structure and the top hole allows water in excess of the base flow generated during precipitation events to exit the structure. The concrete notch that may be observed in the photograph is the structure's emergency overflow outlet. I did not observe evidence of manure solids in the creek.

No Photo

File Names: P040312-[Exp. #].jpg